

**11313482 MEADOW CREEK BELOW TWIN LAKE, NEAR MARKLEEVILLE, CA**

Mokelumne River Basin

LOCATION.--Lat 38°36'35", long 119°56'42" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.25, T.9 N., R.18 E., Alpine County, Hydrologic Unit 18040012, in El Dorado National Forest, 50 ft downstream from valve at base of Twin Lake dam, 10.6 mi southwest of Markleeville, and 11.7 mi south of Sorensens.

DRAINAGE AREA.--1.03 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--October 2004 to September 2005 (low-flow records only).

GAGE.--Water-stage recorder. Elevation of gage is 8,110 ft above NGVD of 1929, from topographic map.

REMARKS.--Records not computed above 2.65 ft<sup>3</sup>/s or during the winter months. Flow regulated by Twin Lake.

COOPERATION.--Records were collected by Pacific Gas & Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 137.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e1.6	1.5	1.5	---	---	---	---	1.2	1.8	1.9	1.8	2.4
2	e1.6	1.5	1.5	---	---	---	---	1.2	1.9	1.9	1.8	2.4
3	e1.6	1.5	1.5	---	---	---	---	1.2	1.8	1.9	1.8	2.4
4	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.4
5	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.7	2.4
6	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.3
7	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.3
8	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.3
9	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.7	2.2
10	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.2
11	e1.6	1.5	1.5	---	---	---	---	1.3	1.8	1.9	1.8	2.2
12	e1.6	1.5	1.5	---	---	---	---	1.4	1.8	1.9	1.9	2.2
13	e1.6	1.5	1.5	---	---	---	---	1.4	1.8	1.8	1.8	2.1
14	1.6	1.5	1.5	---	---	---	---	1.4	1.8	1.8	1.8	2.1
15	1.5	1.5	---	---	---	---	---	1.4	1.8	1.8	1.8	2.1
16	1.5	1.5	---	---	---	---	---	1.5	1.8	1.8	1.8	2.1
17	1.5	1.5	---	---	---	---	---	1.5	1.8	1.7	1.8	2.1
18	1.5	1.5	---	---	---	---	---	1.5	1.8	1.7	1.8	2.1
19	1.5	1.5	---	---	---	---	---	1.6	1.8	1.7	1.8	2.1
20	1.5	1.5	---	---	---	---	---	1.6	1.8	2.1	1.8	2.1
21	1.5	1.5	---	---	---	---	---	1.7	1.8	2.5	1.8	2.1
22	1.5	1.5	---	---	---	---	---	1.7	1.8	2.4	1.8	2.1
23	1.5	1.5	---	---	---	---	---	1.7	1.8	2.3	1.8	2.1
24	1.5	1.5	---	---	---	---	---	1.7	1.8	2.2	1.8	2.1
25	1.5	1.5	---	---	---	---	---	1.7	1.9	2.2	1.8	2.1
26	1.5	1.5	---	---	---	---	---	1.7	1.9	2.2	1.8	2.1
27	1.5	1.5	---	---	---	---	---	1.8	1.9	2.1	1.8	2.1
28	1.5	1.5	---	---	---	---	---	1.8	1.9	1.9	1.8	2.1
29	1.5	1.5	---	---	---	---	---	1.8	1.9	1.9	1.8	2.1
30	1.5	1.5	---	---	---	---	---	1.8	1.9	1.8	2.1	2.1
31	1.5	---	---	---	---	---	---	1.8	---	1.8	2.4	---
<b>Total</b>	47.9	45.0	---	---	---	---	---	46.5	54.7	60.5	56.6	65.5
<b>Mean</b>	1.55	1.50	---	---	---	---	---	1.50	1.82	1.95	1.83	2.18
<b>Max</b>	1.6	1.5	---	---	---	---	---	1.8	1.9	2.5	2.4	2.4
<b>Min</b>	1.5	1.5	---	---	---	---	---	1.2	1.8	1.7	1.7	2.1
<b>Ac-ft</b>	95	89	---	---	---	---	---	92	108	120	112	130

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